

ABSTRACT OF DISCLOSURE

The present invention is a system that provides a pen based computer user with a graphical user interface tool, a pen-mouse, that looks like and functions like a mouse but that is controlled by a limited input device such as a pen or stylus of the pen based computer. The pen-mouse is a tracking menu that tracks the position of the pen. A pen cursor that corresponds to the pen is allowed to be moved about within the pen-mouse graphic by the pen and the pen-mouse remains stationary. The pen-mouse is moved when the location of the pen encounters a tracking boundary of the pen-mouse. The tracking boundary typically coincides with the graphic representing the mouse. While moving within the pen-mouse, the pen can select objects within the pen-mouse body, such as buttons, wheels, etc. The selection of a button or other virtual control causes a corresponding computer mouse button function to be executed. The execution focus is directed at any object designated by a pen-mouse tracking symbol, such as an arrow, that is part of the pen mouse graphic. The pen-mouse can emulate functions or operations of a mouse including single button clicks, double button clicks, finger wheels, track balls, etc.